

WHAT IS CLAIMED IS:

1. A display control device comprising:
a cathode ray tube (CRT) control unit for
5 transferring, to a CRT display, a CRT transfer clock
signal, a video data signal and a synchronous signal
in accordance with the CRT transfer clock signal
generated from a first clock signal having a constant
and stable cycle; and
10 a liquid crystal display (LCD) control unit for
transferring, to a LCD display, a LCD transfer clock
signal, a video data signal and a synchronous signal
in accordance with the LCD transfer clock signal
generated from a second clock signal as a spread
15 spectrum clocking signal generated based on the first
clock signal.

2. A display control device according to claim
1, wherein said CRT control unit and said LCD control
20 unit respectively receive video data for a transfer
object which are stored on a video memory in
accordance with readout timing generated from the
second clock.

25 3. A display control device according to claim
2, wherein said CRT control unit and said LCD control
unit transfer the video data at such timing that the

same picture is displayed substantially simultaneously on the CRT display and on the LCD display.

5 4. A display control device according to claim
3, wherein the readout timing is generated
synchronizing with a display cycle of the LCD display,
said LCD control unit receives the video data
for the transfer object that are stored on the video
10 memory each time the readout timing is generated, and
said CRT control unit receives the video data
for the transfer object which are stored on the video
memory only in a case where the readout timing
further synchronizing with a display cycle of the CRT
15 display is generated.

5. A display control device according to claim
1, further comprising a monitoring unit monitoring a
transfer quantity of the video data per unit time and
20 outputting a signal for controlling a width of the
spread spectrum of the second clock in accordance
with the transfer quantity of the video data.

6. A display control device according to claim
25 1, wherein said display control device is structured,
into one chip, together with said video memory for
storing the video data for the transfer object.

7. A display control device according to claim 1, further comprising a digital visual interface,

wherein in the case of displaying the picture on the CRT display, the video data from said CRT control unit are transferred to the CRT display via said digital visual interface, and

in the case of displaying the picture on the liquid crystal display, the video data from said LCD control unit, the horizontal/vertical synchronous signals and the second clock are transferred to the liquid crystal display via said digital visual interface.

8. A display control device according to claim 1, wherein said display control device is structured, into one chip, together with a chip connecting a central processing unit (CPU), a main memory and an extension bus to each other, and serving as a bridge for the data therebetween.